



APPLICATION FOR A COASTAL ZONE ACT STATUS DECISION

**State of Delaware
Department of Natural Resources & Environmental Control
Office of the Secretary**

Date of submission
Project name
Applicant's name

May 2, 2012
millville Organic Center
Jeremy W. Smith

Table of Contents

Part 1.	Certification by Applicant.....	X
Part 2.	Applicant Information and Site Identification	X
Part 3.	Project Summary.....	X
Part 4.	Project Information.....	X
Part 5.	Project Site and Zoning.....	X
Part 6.	Project Description and Impacts	
	Project Description.....	X
	Environmental Impacts.....	X
	Other Project Impacts.....	X
Part 7.	Attachments	

CZA Status Decision Application Instructions

1. Complete all parts of the application. For questions which are not applicable to your project, do not leave blank; present a statement that clearly states why the section is not applicable to your project.
2. Because all applicants' projects are different, this word document template will provide you flexibility for needed space to answer the questions. Please insert additional lines for text where needed for your application. If appropriate, attach extra pages referencing each answer by the corresponding question number.
3. Submit eight complete hard copies of the application to:

State of Delaware
Department of Natural Resources & Environmental Control
Office of the Secretary
89 Kings Highway
Dover, DE 19901

In addition to the eight hard copies, submit a complete electronic "pdf" copy of the permit application on cd-rom.

4. Comply, if required, or as requested by the DNREC Secretary, with 7 Delaware Code, Chapter 79, Section 7902. If requested, but not completed, your application will not be considered administratively complete until this form is reviewed.
5. Be sure to include your permit application fee of \$3,000; otherwise the application will not be considered administratively complete. Make checks payable to the "State of Delaware."
6. Be advised that the application for a Delaware Coastal Zone Act Status Decision is a public document, which may be displayed at DNREC offices, public libraries, and the web, among others. If this application requires you to place confidential information or data in the application to make it administratively complete, note the Delaware Freedom of Information Act (29 Delaware Code, Chapter 100) and DNREC's Freedom of Information Act Regulation, Section 6 (Requests for Confidentiality), for the proper procedure in requesting confidentiality.

Note: This application template was last revised by DNREC on August 31, 2007. Please discard any previous versions.

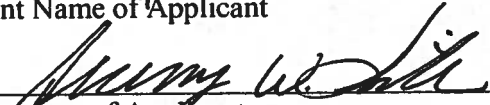
PART 1

CERTIFICATION BY APPLICANT

Under the penalty of perjury pursuant to 11 Delaware Code §1221-1235, I hereby certify that all the information contained in this Delaware Coastal Zone Act Status Decision Application and in any attachments is true and complete to the best of my belief.

I hereby acknowledge that all information in this application will be public information subject to the Delaware Freedom of Information Act, except for clearly identified proprietary information agreed to by the Secretary of the Department of Natural Resources & Environmental Control.

Jeremy W. Smith
Print Name of Applicant


Signature of Applicant

Proprietor
Title

May 2, 2012
Date

PART 2

APPLICANT INFORMATION AND SITE IDENTIFICATION

2.1 Identification of the applicant:

Jeremy W. Smith
Company Name: Millville Organic Center
Address: 2 Smithfield Court Unit 106 C.V. DE 19970
Telephone: 302-423-2601
Fax: 302-539-1658

2.2 Primary contact: Please list the name, phone number and email of a preferred contact within your company in case the DNREC needs to contact you regarding this status decision.

Jeremy W. Smith 302-423-2601 Jeremysmith302@gmail.com

2.3 Site of proposed project (if different than above):

Whites Neck Road Millville, DE

2.4 Authorized agent (if any):

Name: N/A
Address:
Telephone:
Fax:

If you have an authorized agent for this status decision process, provide written authorization from client for being the authorized agent.

2.5 Is the applicant claiming confidentiality in any section of their application?

YES
☒ NO

If yes, see instructions on page 3.

PART 3

PROJECT SUMMARY

Provide a one-page summary describing the proposed project or use. Include a brief quantitative description of any anticipated environmental impacts.

The proposed project is for a Yard Waste and Composting facility as defined in the "Guidelines for Yard Waste Composting Facilities." Organic Yard Waste Only will be accepted from the public and recycled into a 3rd party approved and certified Compost and mulch. There will be different types and colors of mulch and compost available to the consumer. It is a goal to be able to supply certified Organic Compost to State agencies and contractors within 2 years.

The benefits associated with this use should outweigh any negative impact to the environment.

PART 4

PROJECT INFORMATION

- 4.1 Is the proposed project entirely or partly a new, or improved, or extended pier or other ship docking facility?

YES

☒ NO

If yes, will it be used at least in part for bulk cargo transfers by the applicant?

YES

NO

☒ N/A

If no, please explain what it will handle:

- 4.2 Is this project entirely for pollution control purposes?

YES

☒ NO

- 4.3 Is this project a new research and development facility?

YES

☒ NO

- 4.4 Is this project a new or expanding (flow rate) public sewage wastewater treatment plant?

YES

☒ NO

- 4.5 Will the proposed project meet the following definition of "Manufacturing" as found in the Coastal Zone Act: "Manufacturing means the mechanical or chemical transformation of organic or inorganic substances into new products, characteristically using power driven machines and materials handling equipment, and including establishments engaged in assembling component parts of manufactured products, provided the new product is not a structure or other fixed improvement."

YES

☒ NO

If no, explain what kind of activity will be carried out at this project site:

Organic Yard Waste Recycling : Composting

4.6 Will the project have the following equipment or facilities?

- | | | |
|-------------------------------------|-----|-------------------------------------|
| a. Smoke stacks | YES | <input checked="" type="radio"/> NO |
| b. Tanks | YES | <input checked="" type="radio"/> NO |
| c. Distillation or reaction columns | YES | <input checked="" type="radio"/> NO |
| d. Chemical processing equipment | YES | <input checked="" type="radio"/> NO |
| e. Scrubbing towers | YES | <input checked="" type="radio"/> NO |
| f. Pickling equipment | YES | <input checked="" type="radio"/> NO |
| g. Waste treatment lagoons | YES | <input checked="" type="radio"/> NO |
| h. Smelters | YES | <input checked="" type="radio"/> NO |
| i. Incinerators | YES | <input checked="" type="radio"/> NO |

4.7 Will the project use 20 acres or more?

YES

☒ NO

How many acres will it use? 7-9 within 177-

4.8 Does this facility appear in Appendix B of the Coastal Zone Act Regulations (the list of the nonconforming uses)?

YES

☒ NO

If no, proceed to question 4.11

4.9 Will the proposed activity described in this application occur entirely within the lines delineating the area of nonconformity for this site, as seen in the Appendices of the Regulations?

YES

NO

N/A

4.10 Will the proposed activity or use straddle this line?

YES

NO

N/A

If yes, describe what equipment, facilities, or machinery will be within the delineated area of nonconformity AND what will be outside of this area of nonconformity:

- 4.11 Is the proposed project or use part of a manufacturing use that was in operation prior to and on June 28, 1971?

YES
NO

- 4.12 Has this facility ever been granted a Coastal Zone Act Permit?

YES
NO

If yes, please provide the following information:

Applicant Name	Permit Number	Date Issued

- 4.13 Does the new or expanded use involve any change in existing:

a. processes?

YES NO

b. facilities?

YES NO

c. buildings?

YES NO

d. emissions discharge?

YES NO

If yes, please explain each in detail. Use the following tables to help describe any new or changed air or water emissions:

Air Emissions

Use of Equipment in Site → Post

Pollutant	Existing Emissions		Net Increase/Decrease		New Total Emissions		Percent Change (compare tons/year)
	Lbs/day	Tons/year	Lbs/day	Tons/year	Lbs/day	Tons/year	
VOC					41.21	7.63	
CO					587.54	103.73	
NO _x					75.35	13.75	
PM					4.12	0.752	
SO ₂					21.76	3.88	
CO ₂					1381.39	252.06	

Water emissions

Runoff

Pce

Post

% Reduction

Pollutant	Current Discharge Concentration (ppm)	New or Changed Discharge Concentration (ppm)	Current Discharge		Net Increase/Decrease		New Total Emissions	
			Lbs/day	Tons/year	Lbs/day	Tons/year	Lbs/day	Tons/year
TSS	10609	103.40	3865.66	695.81	15.96	2.872	99%	91%
FP	4.86	0.66	1.226	0.221	0.107	0.019	89%	91%
SP	1.95	0.33	0.34	0.061	0.055	0.0099	89%	92%
ON	70.35	2.60	5.56	1.008	0.42	0.0756	89%	93%
NH ₃	4.20	1.31	1.11	0.199	0.119	0.021		
NO ₃	6	0.85	1.74	0.349	0.14	0.025		
NO ₂								
CO	0.048	0.038	0.016	0.0028	0.0058	0.001	64%	
Zn	0.2850	0.145	0.099	0.017	0.021	0.0038		79%

- 4.14 Will this project directly or indirectly increase plant production over present capacity?

YES

NO

If yes, explain in what way and by how much:

- 4.15 Will this project result in the production of any new products, either directly or indirectly, at this facility?

YES

NO

If yes, list each new product:

New business producing Compost: Mulch *TBD*
Organic Compost & Mulch

- 4.16 List materials and/or ingredients to be utilized by this proposed project and how they will be transported to the site.

Organic Yard Waste as defined in the Guidelines

PART 5

PROJECT SITE AND ZONING

- 5.1 In a separate attachment, provide a map of appropriate scale to clearly show the site. Mark important natural features and project buildings and processing equipment of the proposed project such as roads, wetlands, railway sidings, drainage ways, tanks, sewer systems, water mains, wells, etc.

- 5.2 What is the current SIC code for the proposed use?

- 5.3 What is the current zoning and planned land use of the proposed project site?

Agriculture with Conditional Use for

Yard Waste: Composting Facility

- 5.4 Will the proposed project require a zoning change?

YES

NO

If yes:

A. To what classification will it be changed?

Conditional Use # 1913

B. What zoning authority is responsible for reviewing and approving the change?

Sussex County Council

5.5 Will this project require new supporting facilities?

~~YES~~

☒ NO

If yes, describe each facility, and how it will be used:

PART 6

PROJECT DESCRIPTION AND PROJECT IMPACTS

- 6.1 On a separate attachment labeled “**Project Description**,” provide a concise but complete description of the proposed project or use. Be sure to answer the following questions:
- How does the project relate to any existing manufacturing operations and facilities (if this is not for an entirely new manufacturing plant)?
 - What effects will there be, if any, on land use acreage, manufacturing production capacity, modification of current product line(s), and safety risks to the public and to company employees?
 - Is this project or use a complete, single project, or is it part of a long-term, large-scale project that has other components to it that may need approval under the Coastal Zone Act at a later date?
 - If it is part of a larger project, describe the entire project in detail and mention ALL major machinery, facilities, land, products, and processes involved.
- 6.2 On a separate attachment labeled “**Environmental Impacts**,” provide a detailed and accurate impact analysis that describes the proposed project’s impacts on:
- air quality
 - local surface and ground water quality
 - surface and groundwater withdrawals
 - habitat loss
 - solid and hazardous waste generation
 - noise
 - odors
 - local aesthetic quality
 - any other notable factors not listed above
 - Provide a detailed statement describing the proposed project’s potential to pollute should equipment malfunction or human error occur, including a description of backup controls, backup power, and safety provisions.
- 6.3 On a separate attachment labeled “**Other Project Impacts**,” provide a detailed and accurate analysis on how the proposed project will impact each of the following (include both positive and negative impacts):
- the economy (corporate, state, county)
 - county and municipal comprehensive plans/ zoning
 - effect upon neighboring land uses
 - the impacts, if any, that *supporting facilities* will have on: the environment; economics of the area; zoning; neighboring land uses; and aesthetic quality.

Project Description
(Refer to Question 6.1)

It is going to be a Yard Waste and Composting Facility as defined in the "Guidelines for Yard Waste Composting Facilities". There are similar facilities, but we are aiming for a niche. Accept only Organic Yard Waste and process it into a certified Compost and Mulch. At that time offer our product for retail. There will also be different types and colors of mulch available for retail.

Once the proposed plan becomes finalized, there will be an estimated area of 7-9 acres of disturbed land to incorporate SWM and impervious surface. 7-9 acres is our max capacity of area due to set backs and the impervious surface will be expanded to accommodate business.

Millville Organic Center's site plan reflects all future expansion possibilities. The lease and plans for everything involved takes the 5 year lease and timeframe to succeed or move on to other options.

Environmental Impacts
(Refer to Question 6.2)

- A. Air quality would be affected by equipment on site
- B. On-site well and layers of permits for Storm Water Management
- C. Storm Water Management
- D. No habitat loss anticipated, unknown animals would probably relocate to other parts of farm
- E. Port-A-John, Storm Water Management: Proper recycling where: when appropriate
- F. Hours of operation, buffers: setbacks
- G. If the composting is done correctly there is minimal to no odor
- H. First class operation
- I. This type of facility could be a significant need.
- J. Maintain the equipment: constantly monitor composting temperature to make sure there is no smoldering and chance of fire.

Other Project Impacts (Refer to Question 6.3)

A. ⁺ Jobs

Save consumers money due to shortened travel time
and less air emissions

Hope to provide Sussex County's Organic Compost

- This use of the property is not projected to be the most financial beneficial to its owners.

B. There should be only positive impacts on the Comprehensive plan and zoning

C. ⁺ More open space between adjacent developments less traffic: people than developing property

- The one parcel adjacent to the property that isn't developed is active farm land. Would that hinder their development potential?

D. Any and all expansion and site work will be performed to reflect a first class operation. Blend into our farms surroundings and monitor the site daily